

Appl. No. 10/537,478  
Reply to Office Action of February 27, 2009

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. **(Currently amended)** An aqueous nanocarbons solution comprising:  
  
nanocarbons, and  
  
an active ingredient which is a surface active agent which is one or more selected from the group consisting of  
distearoylphosphatidylcholine (DSPC),  
dimyristoylphosphatidylcholine (DMPC),  
dipalmitoylphosphatidylcholine (DPPC), 3-[(3-  
cholamidopropyl)dimethylamino]-2-hydroxy-1-propanesulfonate  
(CHAPSO), 3-[(3-cholamidopropyl) dimethylamino]-  
propanesulfonate (CHAP) and N,N-bis (3-D-gluconamidopropyl)-  
cholamide, or which is alginates having a  
~~as an active ingredient, a surface active agent capable of~~  
~~forming globular micelles having a diameter of from 50 to~~  
~~2000 nm in the solution or alginates having a weight average~~  
molecular weight of from 10,000 to 50,000,000, and wherein  
the active ingredient encapsulates the nanocarbons in

globular micelles or pseudo micelles.

2. **(Cancelled)**

3. **(Previously presented)** The solution according to Claim 1, wherein the surface active agent is one or more selected from the group consisting of distearoylphosphatidylcholine (DSPC), dimyristoylphosphatidylcholine (DMPC), dipalmitoylphosphatidylcholine (DPPC), 3-[(3-cholamidopropyl)dimethylamino]-2-hydroxy-1-propanesulfonate (CHAPSO), 3-[(3-cholamidopropyl)dimethylamino]-propanesulfonate (CHAP) and N,N-bis(3-D-gluconamidopropyl)-cholamide.

4-6 **(Cancelled)**

7. **(Previously presented)** The solution according to Claim 1, which further comprises a nanocarbon-permeating substance and an oxidizing agent and the pH ranges from 6 to 14.

8. **(Previously presented)** The solution according to Claim 7, wherein the nanocarbon-permeating substance is lithium ion.

9. **(Previously presented)** The solution according to Claim 7, wherein the oxidizing agent is a persulfate.

10. **(Previously presented)** The solution according to Claim 1, wherein the nanocarbons are carbon nanotubes (single- and multi-layered types and cup-stack types), carbon nanofibers or carbon nanohorns.

11-23. **(Cancelled)**

24. **(Currently amended)** A process for producing an aqueous nanocarbons solution comprising the step of adding a crude product to an aqueous solution containing as an active ingredient to encapsulate the nanocarbon in the crude product, a surface active agent capable of forming globular micelles having a diameter of from 50 to 2000 nm in the solution or alginates having a weight average molecular weight of from 10,000 to 50,000,000, said surface active agent is one or more selected from the group consisting of distearoylphosphatidylcholine (DSPC), dimyristoylphosphatidylcholine (DMPC), dipalmitoylphosphatidylcholine (DPPC), 3-[(3-cholamidopropyl)dimethylamino]-2-hydroxy-1-propanesulfonate

(CHAPSO), 3-[(3-cholamidopropyl) dimethylamino]-  
propanesulfonate (CHAP) and N,N-bis (3-D-gluconamidopropyl)-  
cholamide, or said alginates, and wherein the active  
ingredient encapsulates the nanocarbons in globular micelles  
or pseudo micelles.

25-30. **(Cancelled)**

31. **(Previously presented)** The process according to Claim 24, wherein the active ingredient is the a surface active agent capable of forming globular micelles having a diameter of from 50 to 2000 nm in the solution.

32. **(Previously presented))** The process according to Claim 24, wherein the active ingredient is the alginates having a weight average molecular weight of from 10,000 to 50,000,000.